Message

From: ORD_STICS@epa.gov [ORD_STICS@epa.gov]
Sent: 9/22/2016 9:18:03 PM
To: Strynar, Mark [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5a9910d5b38e471497bd875fd329a20a-Strynar, Mark]; Lindstrom, Andrew [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=04bf7cf26aa44ce29763fbc1c1b2338e-Lindstrom, Andrew]; Buckley, Timothy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=197a3461d9824a17850f34cc2b0b37fe-Buckley, Timothy]
Subject: STICS: Clearance Initiation: #ORD-018545: Legacy and emerging perfluoroalkyl substances in the Cape Fear River Watershed of North Carolina: Occurrence and fate during conventional and advanced water treatment processes

This e-mail is to inform you that you have been copied on the following clearance submission in STICS:

- **Product type, subtype:** Journal Article, Peer Reviewed
- **Product title:** Legacy and emerging perfluoroalkyl substances in the Cape Fear River Watershed of North Carolina: Occurrence and fate during conventional and advanced water treatment processes
- **Author(s):** Sun, M,E. Arevalo,M. Strynar,A. Lindstrom and D. Knappe
- **Initiator:** Brandy Manders,ord/nerl/ced
- **ORD Tracking Number:** Tracking # ORD-018545
- **Product Description / Abstract:** PFAS such as PFOS and PFOA have been in widespread use in industrial formulations and consumerproducts for more than sixty years. PFOS, PFOA, and related compounds have been found to be persistent, bioaccumulative, and toxic. PFOS has been listed as a controlled substance under the Stockholm Convention and PFOA has been linked to endocrine dysfunction, immunotoxicity, cancer, and other serious health effects in humans. USEPA and other regulatory bodies worldwide have worked effectively to limit the production and distribution of long-chain PFAS, but their long production history, environmental persistence, and potential for bioaccumulation ensure that they will remain a concern well into the future. The USEPA recently issued Health Advisories for PFOS and PFOA in drinking water (sum of both not to exceed 70 ng/L). A new generation of "replacement" PFAS is now being used in place of the legacy contaminants. The occurrence and characteristics of these newer compounds remain undocumented.
- **Tracking and Planning**
  - Task ID:
  - Task: N/A - Not Applicable
  - Product Title: N/A - Not Applicable
  - Product Description: N/A - Not Applicable
  - Project:
  - Topic:
  - Research Program Area:

- **HISA? ISI? High Profile?:** High Profile and/or Policy Relevant (not HISA or ISI)
- **QA form attached in STICS?:** Not Applicable
- **QAPP Reference:** N/A
- **Keywords:**
  - watershed
  - water treatment
  - occurrence and fate
  - perfluoroalkyl

- **Journal Name:** ENVIRONMENTAL SCIENCE & TECHNOLOGY

This submission can be found in your In Progress tab. Please click here to access STICS.